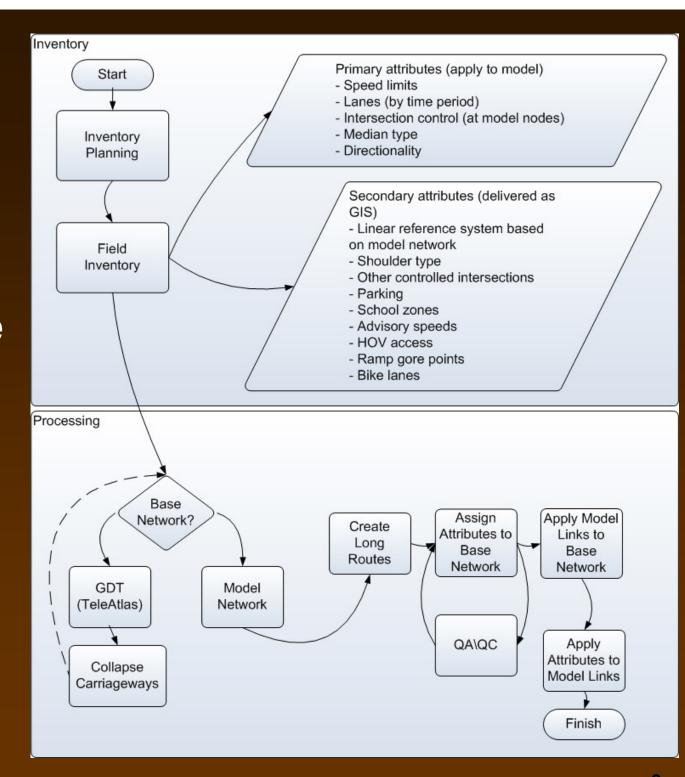


#### **Agenda**

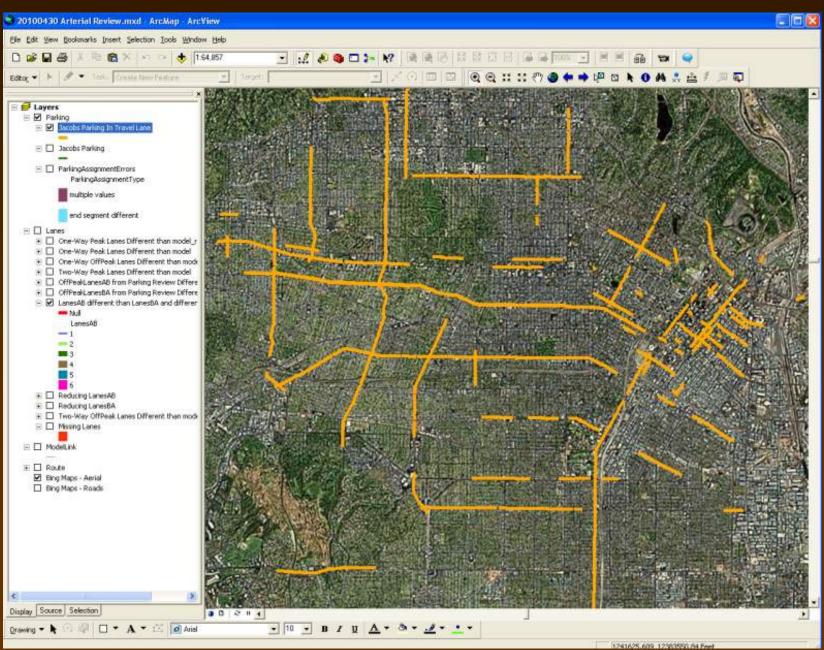
- Field Inventory
- Base Network ?
- Linear Reference
  System (LRS)
- QC Process



#### Field Inventory (Primary / Secondary)

- Network Included (over 16,000 centerline miles)
  - All Freeways
  - All Arterials
  - All Urban Major Collectors
- Primary Attributes (applied to model)
  - Speed Limits
  - Lanes (by time period)
  - Intersection Control (at model nodes)
  - Median Type
  - Directionality (1-way vs. 2-way)

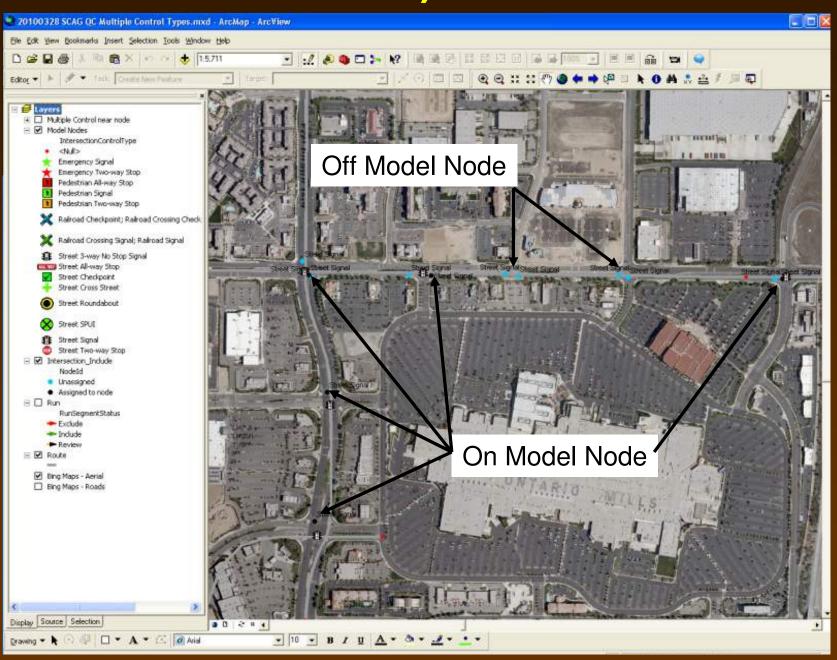
# Field Inventory (Parking in Lanes)



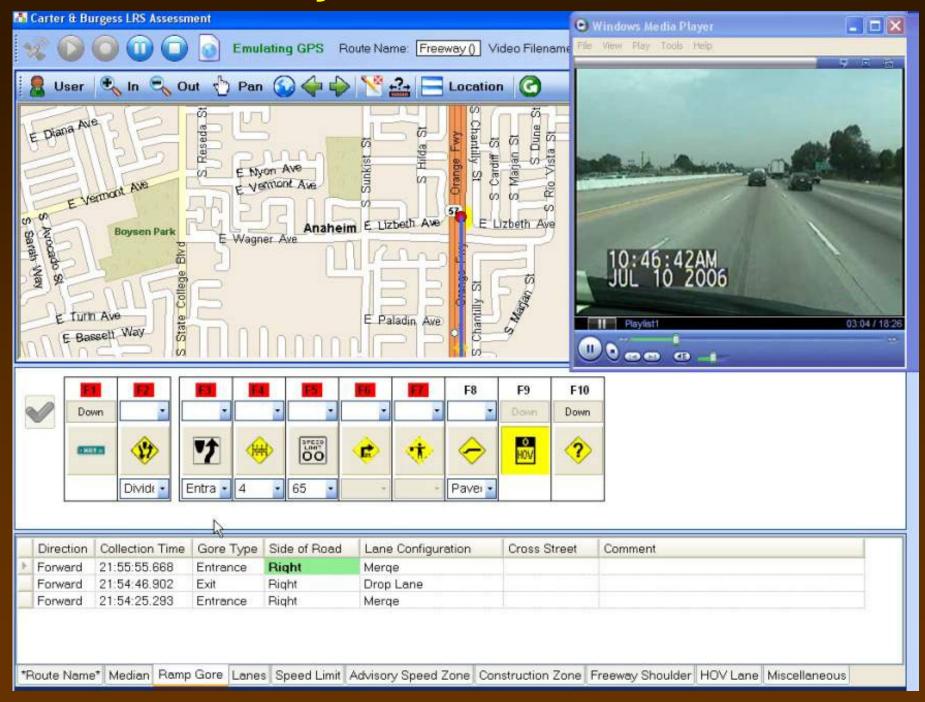
#### Field Inventory (Primary / Secondary)

- Secondary Attributes (delivered as GIS)
  - LRS based on model network
  - Shoulder Type
  - Other Controlled Intersections
  - Parking
  - School Zones
  - Advisory Speeds
  - HOV Access
  - Ramp Gore Points
  - Bike Lanes

# Field Inventory (Controlled Intersections – On/Off Model Nodes)



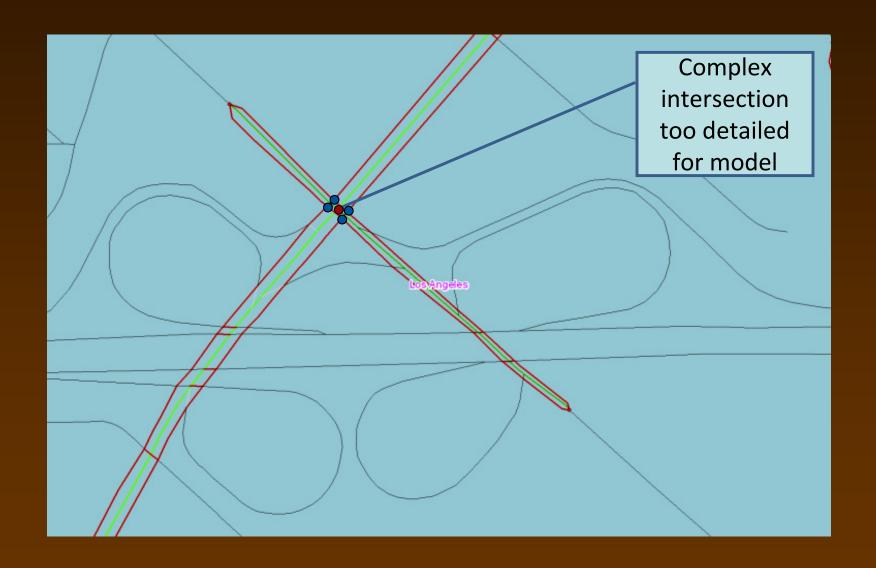
#### **Field Inventory Tool**



#### **Base Network**

- GDT (TeleAtlas)
- Benefits include annual updates through license agreement
- Challenges
  - includes extra links / nodes not represented in model
  - Need to "collapse carriageways"
    - Current network
    - Each update

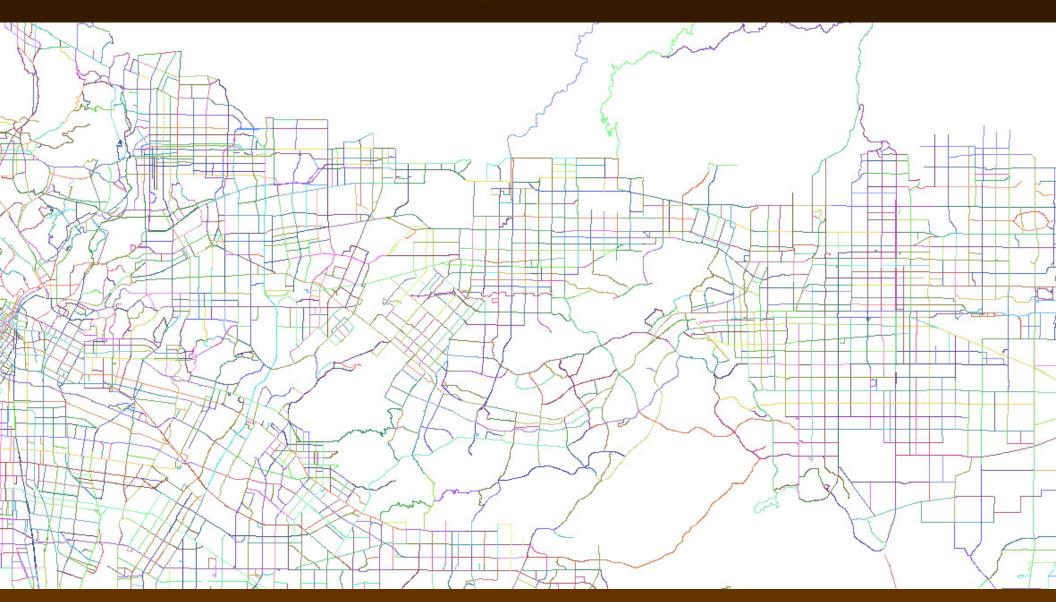
# **Base Network**



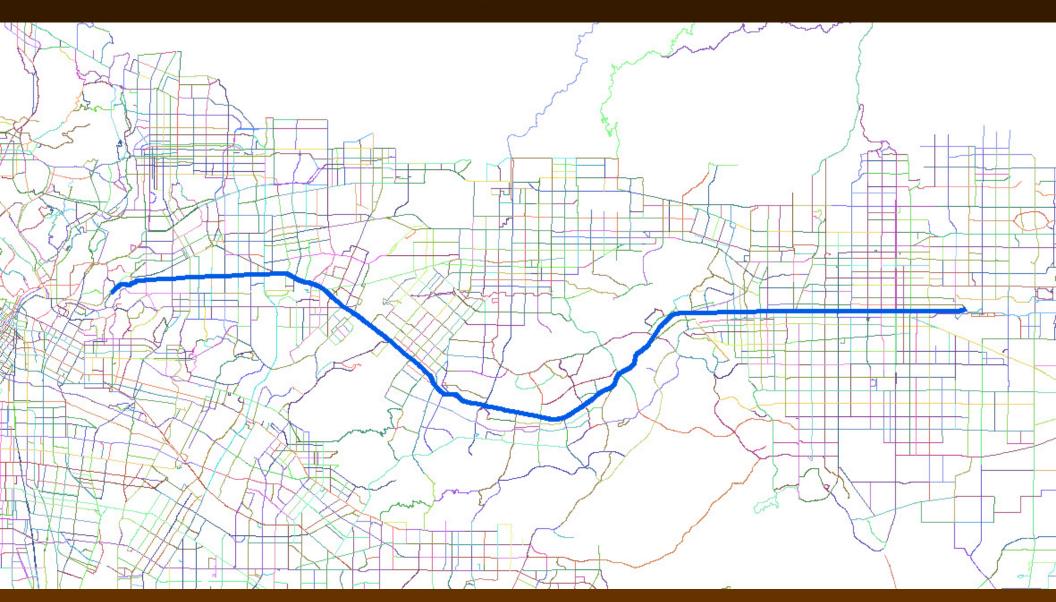
### Linear Reference System (LRS)

- Model Network
  - Create Long Routes
  - Assign Routes
  - Measure Routes
  - Assign Routes / Measures to Collected Attributes
  - Apply Collected Attributes to Model Links

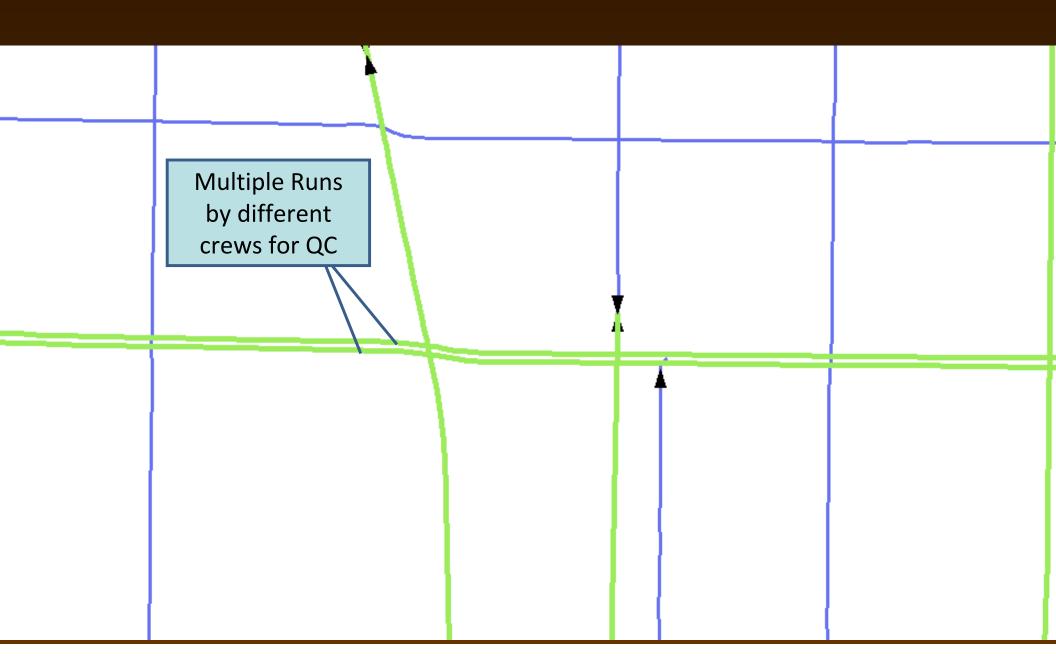
# Linear Reference System (LRS)



# Linear Reference System (LRS)



# **QC Process**



#### **QC Process**

